

Title (en)
CONVERSATION ASSISTANCE SYSTEM, METHOD THEREFOR, AND PROGRAM

Title (de)
KONVERSATIONSASSISTENZSYSTEM, VERFAHREN DAFÜR UND PROGRAMM

Title (fr)
SYSTÈME D'ASSISTANCE À LA CONVERSATION, PROCÉDÉ ET PROGRAMME

Publication
EP 3833045 A4 20220420 (EN)

Application
EP 19844912 A 20190729

Priority
• JP 2019029685 W 20190729
• JP 2018145951 A 20180802

Abstract (en)
[origin: EP3833045A1] A conversation support system supports conversation of passengers in an automobile. Seats of at least two or more rows are placed in the automobile, and the conversation support system includes a speech switching control part configured to designate a desired sound pickup and reproduce area based on designation by a first passenger sitting in a first seat, a first target speech emphasizing part configured to output a signal obtained by emphasizing speech emitted from the designated sound pickup and reproduce area to a loud speaker corresponding to the first seat, and a second target speech emphasizing part configured to output the signal obtained by emphasizing speech, which is collected with a microphone corresponding to the first seat and which is emitted from the first seat, to a loud speaker corresponding to the sound pickup and reproduce area.

IPC 8 full level
H04R 3/00 (2006.01); **B60N 2/90** (2018.01); **B60R 11/02** (2006.01); **H04R 3/02** (2006.01); **H04R 5/02** (2006.01); **H04R 27/00** (2006.01)

CPC (source: EP US)
B60N 2/90 (2018.02 - EP US); **G06F 3/165** (2013.01 - US); **G10L 21/0232** (2013.01 - US); **H04R 1/403** (2013.01 - US); **H04R 1/406** (2013.01 - US); **H04R 3/005** (2013.01 - US); **H04R 3/02** (2013.01 - EP); **H04R 3/12** (2013.01 - US); **H04R 27/00** (2013.01 - EP US); **G10L 2021/02082** (2013.01 - US); **G10L 2021/02166** (2013.01 - US); **H04R 3/005** (2013.01 - EP); **H04R 5/023** (2013.01 - EP); **H04R 2205/024** (2013.01 - EP); **H04R 2227/009** (2013.01 - EP US); **H04R 2430/20** (2013.01 - EP); **H04R 2499/13** (2013.01 - EP US); **H04S 2400/15** (2013.01 - EP)

Citation (search report)
• [XYI] JP 2005161873 A 20050623 - DENSO CORP
• [Y] US 10002601 B2 20180619 - MOHAMMAD ASIF [US], et al
• [A] US 9881632 B1 20180130 - EVERY MARK ROBERT [CA]
• [A] EP 3312839 A1 20180425 - PANASONIC IP MAN CO LTD [JP]
• See also references of WO 2020027061A1

Cited by
EP4167593A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3833045 A1 20210609; **EP 3833045 A4 20220420**; **EP 3833045 B1 20231025**; CN 112514414 A 20210316; CN 112514414 B 20221028; ES 2966500 T3 20240422; JP 7020554 B2 20220216; JP WO2020027061 A1 20210810; US 11425517 B2 20220823; US 2021314714 A1 20211007; WO 2020027061 A1 20200206

DOCDB simple family (application)
EP 19844912 A 20190729; CN 201980050857 A 20190729; ES 19844912 T 20190729; JP 2019029685 W 20190729; JP 2020533542 A 20190729; US 201917264174 A 20190729